


## AMENDMENTS TO THE CLAIMS

1. (Currently Amended) An electronic device for displaying a buffered image,  
2 comprising:  
an image capture device having a range of exposure times for converting light to an  
4 electrical signal; and  
a programmable amplifier coupled to said image capture device for automatically  
6 adjusting the strength of said electrical signal when a determination is made that the buffered  
image is sufficiently obfuscated to lack discernible features, wherein said determination is  
8 made by a microprocessor having a stored look up table for determining the gain needed by  
the programmable amplifier for helping to produce a live view image at a constant frame rate  
10 under low lighting conditions.

 2. (Original) An electronic device for displaying a buffered image according to claim 1,  
2 wherein said programmable amplifier further automatically adjusting the strength of said  
electrical signal when a further determination is made that the buffered image is smeared.


3. (Original) An electronic device for displaying a buffered image, according to claim 1,  
2 further comprising:  
multiplying means responsive to said programmable amplifier for further increasing  
4 the strength of said electrical signal to cause the display of an image of sufficient detail to  
facilitate live view observation.

4. (Original) An electronic device for displaying a buffered image, according to claim 3,  
2 wherein said multiplying means includes:  
an analog to digital converter for converting said electrical signal into a digital signal; and  
4 digital multiplier means for increasing the strength of said digital signal.

5. (Original) An electronic device for displaying a buffered image according to claim 4,  
2 wherein said digital multiplier means is a digital multiplier.

6. (Original) An electric device for displaying a buffered image according to claim 4,  
2 wherein said digital multiplier means is a microprocessor.

7. (Currently Amended) A method for displaying a buffered image, comprising:  
2 converting light from an image capture device to an electrical signal;  
responding to an automatic indication that the image is sufficiently obfuscated to lack  
4 discernible features; ~~and~~  
adjusting the strength of said electrical signal to cause the display of an image  
6 sufficient to be non obfuscated ; and  
repeatedly refreshing the displayed image at a given frame rate independently of LCD  
8 brightness and contrast controls.

 8. (Original) A method for displaying a buffered image according to claim 7, wherein  
2 said step of adjusting the strength of said image signal includes;  
increasing the strength in incremental step values.

9. (Original) A method for displaying a buffered image according to claim 8, wherein  
2 said step of increasing the strength in incremental step values stops, when the strength of said  
image signal reaches a maximum strength level.

10. (Original) A method for displaying a buffered image according to claim 9, wherein  
2 said maximum strength level is a  $G_{\max}$  level.

11. (Original) A method for displaying a buffered image according to claim 7, wherein said  
2 step of adjusting the strength of said image signal includes;  
decreasing the strength in incremental step values to a minimum strength level.

12. (Original) A method for displaying a buffered image according to claim 11, wherein  
2 said minimum strength level is a  $G_{\min}$  level.

13. (Canceled)

- As per* 14. (Original) An electronic device for displaying a buffered image according to claim 1,  
2 wherein said determination is made by a microprocessor having a gain control algorithm for  
calculating the gain needed by the programmable amplifier for helping to produce a live view  
4 image at a constant frame rate under low lighting conditions.

15. (Canceled)

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